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GeForce Experience











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Specifications

Note: The below specifications represent this GPU as incorporated into NVIDIA's reference graphics card design. Clock specifications apply while gaming with medium to full GPU utilization. Graphics card specifications may vary by Add-in-card manufacturer. Please refer to the Add-in-card manufacturers' website for actual shipping specifications.

GTX 980 Engine Specs:

CUDA Cores 2048
Base Clock (MHz) 1126
Boost Clock (MHz) 1216
Texture Fill Rate (GigaTexels/sec) 144

GTX 980 Memory Specs:

Memory Clock7.0 GbpsStandard Memory Config4 GBMemory InterfaceGDDR5Memory Interface Width256-bitMemory Bandwidth (GB/sec)224

GTX 980 Technology Support:

NVIDIA SLI® Ready Yes (4-way) NVIDIA G-Sync™-Ready Yes NVIDIA GameStream™-Ready Yes GeForce ShadowPlay™ Yes NVIDIA GPU Boost™ 2.0 **Dynamic Super Resolution** Yes MFAA Yes NVIDIA GameWorks™ Yes

Microsoft DirectX 12 API with Feature Level 12_1

OpenGL 4.4 CUDA Yes

Bus Support PCI Express 3.0

OS Certification Windows 8 & 8.1, Windows 7, Windows Vista, Linux, FreeBSD x86

Display Support:

Maximum Digital Resolution* 5120x3200

Maximum VGA Resolution 2048x1536

Standard Display Connectors Dual Link DVI-I, HDMI 2.0, 3x DisplayPort 1.2

Multi Monitor4 displaysHDCPYesAudio Input for HDMIInternal

GTX 980 Graphics Card Dimensions:

Height4.376 inchesLength10.5 inchesWidthDual-width

Thermal and Power Specs:

Maximum GPU Tempurature (in C) 98 C
Graphics Card Power (W) 165 W

Product Info

GeForce GTX 980



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Supported Technologies

CUDA More > 3D Vision More > PhysX More > Adaptive VSync More > G-SYNC More > More > More > VXGI More > ΜΕΔΔ More > DSR DirectX 12 More > Virtual Reality More > Ansel More >

Product Family

GeForce GTX TITAN X
GeForce GTX 980 Ti
GeForce GTX 980
GeForce GTX 970
GeForce GTX 960 (OEM)
GeForce GTX 960
GeForce GTX 950 (OEM)
GeForce GTX 950

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500 W Recommended System Power (W)** Supplementary Power Connectors 2x 6-pins

* 5120X3200 AT 60HZ WITH DUAL DISPLAYPORT CONNECTORS.
** RECOMMENDATION IS MADE BASED ON PC CONFIGURED WITH AN INTEL CORE I7 3.2 GHZ PROCESSOR. PRE-BUILT SYSTEM MAY REQUIRE LESS POWER DEPENDING ON SYSTEM CONFIGURATION.

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